



SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No.	50093/016001	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Serial No.	09/516,061	
				Applicant	Gopalan et al.	
				Filing Date	3/1/00	
				Group	1652	
				IDS Filed	August 24, 2000	
(37 CFR §1.98(b))						
U.S. PATENTS						
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
CP	WO 99/11653	11.3.99	PCT	—	—	
CP	EP0 811688A2	10.12.97	Europe	—	✓	
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)						
CP	AC	Altman and Kirsebom, "Ribonuclease P," <i>The RNA World</i> , 2:1155-1184, 1999.				
CP	AC	Altman et al., "Recent studies of ribonuclease P," <i>FASEB Journal</i> , 7:7-14, 1993.				
CP	AC	Frank and Pace, "RIBONUCLEASE P: Unity and Diversity in a tRNA Processing Ribozyme," <i>Annu. Rev. Biochem.</i> , 67:153-180, 1998.				
CP	AC	Gopalan et al., "Analysis of the functional role of conserved residues in the protein subunit of ribonuclease P from <i>Escherichia coli</i> ," <i>J. Mol. Biol.</i> , 267:818-829, 1997.				
CP	AC	Kirsebom and Altman, "Reaction <i>in vitro</i> of some mutants of Rnase P with wild-type and temperature-sensitive substrates," <i>J. Mol. Biol.</i> , 207:837-840, 1989.				
CP	AC	Kirsebom and Svard, "The kinetics and specificity of cleavage by Rnase P is mainly dependent on the structure of the amino acid acceptor stem," <i>Nucleic Acids Res.</i> , 20:425-432, 1992.				
CP	AC	Niranjanakumari et al., "Protein component of the ribozyme ribonuclease P alters substrate recognition by directly contacting precursor tRNA," <i>Proc. Natl. Acad. Sci. USA</i> , 95:15212-15217, 1998.				
CP	AC	Pace and Brown, "Evolutionary perspective on the structure and function of ribonuclease P, a ribozyme," <i>J. Bacteriol.</i> , 177:1919-1928, 1995.				
CP	AC	Pascual and Vioque, "Substrate binding and catalysis by ribonuclease P from cyanobacteria and <i>Escherichia coli</i> are affected differently by the 3' terminal CCA in tRNA precursors," <i>Proc. Natl. Acad. Sci. USA</i> , 96:6672-6677, 1999.				
CP	AC	Peck-Miller and Altman, "Kinetics of the processing of the precursor to 4.5 S RNA, a naturally occurring substrate for Rnase P from <i>Escherichia coli</i> ," <i>J. Mol. Biol.</i> , 221:1-5, 1991.				
CP	AC	Sakano et al., "Temperature sensitive mutants of <i>Escherichia coli</i> for tRNA synthesis," <i>Nucleic Acids Research</i> , 1:355-371, 1974.				
CP	AC	Stams et al., "Ribonuclease P protein structure: evolutionary origins in the translational apparatus," <i>Science</i> , 280:752-755, 1998.				
CP	AC	Thompson et al., "CLUSTAL W: improving the sensitivity of progressive multiple sequence alignment through sequence weighting, position-specific gap penalties and weight matrix choice," <i>Nucleic Acids Research</i> , 22:4673-4680, 1994.				
EXAMINER			DATE CONSIDERED			
CP			8/18/02			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.						



RECEIVED
SEP 18 2001
TECH CENTER 1600/2900

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No. 50093/016001		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 C.F.R. §1.98(b))				Serial No. 09/516,061		
				Applicant Venkat Gopalan et al.		
				Filing Date March 1, 2000		
				Group 1652		
				Customer No. 21559		
				IDS Filed September 12, 2001		
U.S. PATENTS						
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
CP	EP 0 811 688 A2	December 10, 1997	EPO			No
CP	WO 98/18931 A	May 7, 1998	WIPO			No
CP	WO 99/11653	March 11, 1999	WIPO			No
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)						
CP	Brown, "The Ribonuclease P Database," <i>Nucleic Acids Research</i> 27(1):314 (1999).					
CP	Hansen et al., "Physical Mapping and Nucleotide Sequence of the <i>RNPA</i> Gene that Encodes the Protein Component of Ribonuclease P in <i>Escherichia Coli</i> ," <i>Gene</i> 38:85-93 (1985).					
EXAMINER			DATE CONSIDERED			
CP			4/11/02			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.						